vtech®

Innovation Beyond Technology℠

User's manual

www.vtechphones.com

Models:
CS5111-2
CS5111-3

5.8 GHz

Congratulations

on purchasing your new VTech product.
Before using this telephone, please read the
Important safety instructions
on page 34 of this manual.

This manual has all the feature operations and troubleshooting necessary to install and operate your new VTech telephone. Please review this manual thoroughly to ensure proper installation and operation of this innovative and feature rich VTech product. For support, shopping, and everything new at VTech, visit our website at www.vtechphones.com.
In Canada, please visit www.vtechcanada.com.

The ENERGY STAR® program (www.energystar.gov) recognizes and encourages the use of products that save energy and help protect our environment. We are proud to mark this product with the ENERGY STAR® label indicating it meets the latest energy efficiency guidelines.

Telephones identified with this logo have reduced noise and interference when used with most T-coil equipped hearing aids and cochlear implants. The TIA-1083 Compliant Logo is a trademark of the Telecommunications Industry Association. Used under license.

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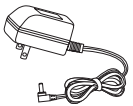
Getting started

Parts checklist

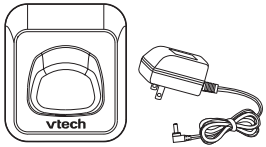
Your telephone contains the following items. Save your sales receipt and original packaging in case your telephone needs warranty service.

1. Handsets
(2 for CS5111-2,
3 for CS5111-3)

2. Telephone line cord



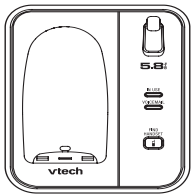
3. Telephone base power adapter



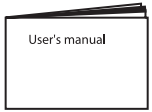
4. Chargers and charger adapters
(1 for CS5111-2,
2 for CS5111-3)

5. Battery compartment covers
(2 for CS5111-2,
3 for CS5111-3)

6. Batteries
(2 for CS5111-2,
3 for CS5111-3)



7. Telephone base with mounting bracket



8. User's manual

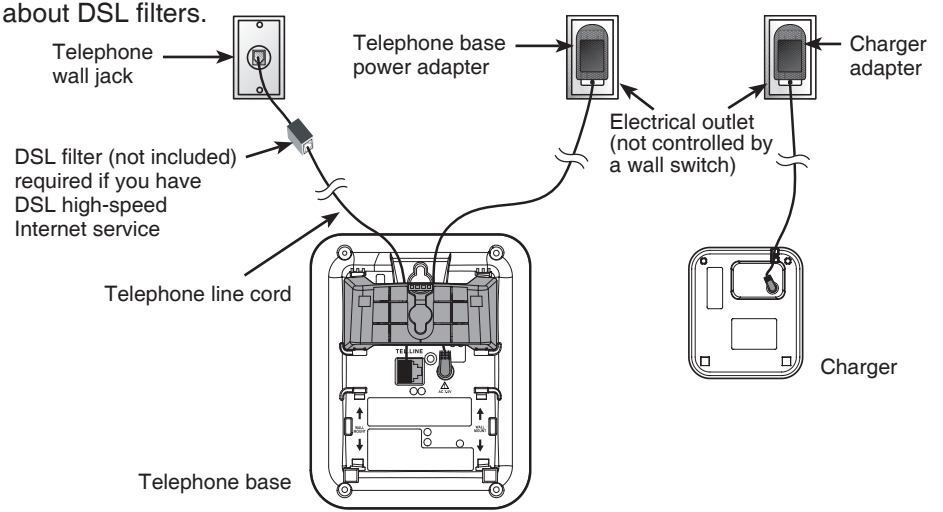
note

- To purchase replacement batteries or power adapters, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

Getting started

Telephone base and charger installation

Install the telephone base and charger as shown below. Make sure that the electrical outlet is not controlled by a wall switch. If you subscribe to high-speed Internet service (Digital Subscriber Line - DSL) through your telephone lines, you must install a DSL filter between the telephone base and the telephone wall jack. The filter will prevent noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.


Telephone wall jack
Telephone base power adapter
Charger adapter
Electrical outlet (not controlled by a wall switch)
DSL filter (not included) required if you have DSL high-speed Internet service
Telephone line cord
Charger
Telephone base

note

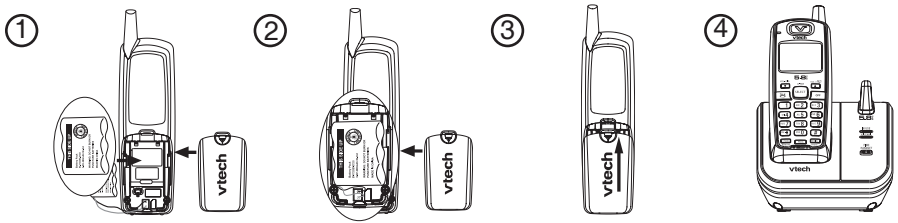
- Use only the power adapters supplied with this product. To order a replacement, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.
- The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling or an under-the-table/cabinet outlet.

Getting started

Battery installation and charging

Install the battery as shown below. The battery may have enough charge for short calls. For best performance, charge the battery for at least 16 hours before use. When the battery power is low, **LOW BATTERY** will be displayed and [ ] will flash on the handset screen. When fully charged, the handset battery provides approximately five hours of talk time or six days of standby time.

1. Insert the plug of the battery as indicated. Make sure it is plugged securely and matches the color-coded label inside the battery compartment.
2. Place the battery with the label **THIS SIDE UP** facing up and the wires inside the battery compartment.
3. Align the battery compartment cover flat against the battery compartment, then slide it upwards until it clicks into place.
4. Charge the handset by placing it in the telephone base or charger. The handset charge light will be on when charging.



note

- If the handset will not be used for a long period of time, remove the battery to prevent possible leakage.
- To purchase a replacement battery, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.

Getting started

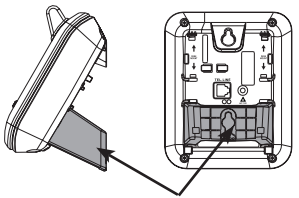
Mounting bracket installation

Your telephone base comes with the mounting bracket installed, ready for desktop use. You may also mount your telephone onto a standard telephone wall plate.

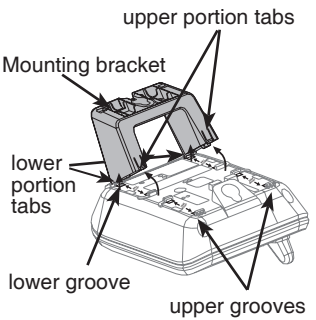
Wall mounting bracket installation:

To prepare the telephone base for wall mounting, you will need to remove the bracket if it is currently attached for desktop use. Press on the tabs located on the legs of the bracket to loosen, then lift the bracket up and away from the telephone base.

1. First, insert the lower portion tabs of the mounting bracket into the lower grooves in the telephone base, then snap the upper portion tabs of the mounting bracket into place.
2. Mount the telephone base on the wall by positioning it so the mounting studs will fit into the holes on the telephone base and mounting bracket. Slide the telephone base down on the mounting studs until it locks into place.
3. To remove the bracket, press both upper portion tabs firmly inward and pull the bracket downward until it releases from the grooves.



Mounting bracket in wall mount orientation



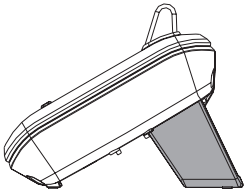
Getting started

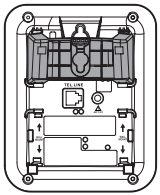
Mounting bracket installation (continued)

Desktop/tabletop bracket installation:

Your telephone comes ready for table or desktop use. If you have repositioned the bracket for wall mounting and now want to return to desktop use, follow these steps:

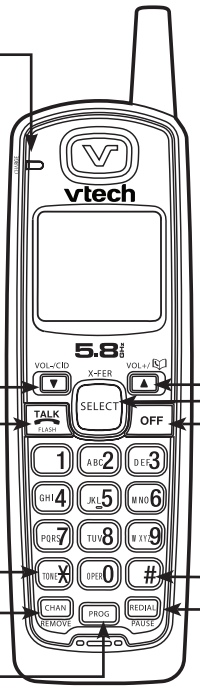
1. Insert the lower portion tabs of the mounting bracket into the upper grooves of the telephone base.
2. Snap the upper portion tabs of the bracket into place.
3. To remove the bracket, press both upper portion tabs firmly inward and pull the bracket upward until it is released from the grooves.





Getting started

Handset layout



CHARGE light

- On when the handset is charging in the telephone base or charger.

▼/VOL-/CID

- When the phone is not in use, press to review the call log.
- Press and hold to adjust the ringer volume when in idle mode.
- During a call, press to decrease the listening volume. A double beep will sound at the lowest setting.
- Press to scroll down while in programming mode or reviewing the redial list.

TALK/FLASH

- Press to make or answer a call.
- During a call, press to receive an incoming call when you receive a call waiting alert.

TONE✱

- Press to switch to tone dialing temporarily when using the pulse service (page 13).

CHAN/REMOVE

- Switch to a clearer channel while on a call.
- Press and hold to delete all records in the call log when the phone is not in use.
- When reviewing the call log or redial list, press to delete the desired record.

PROG

- Press to enter programming mode while the phone is not in use.

▲/VOL+/📖

- Press to display the directory when the phone is not in use.
- Press and hold to adjust the ringer volume when the telephone is not in use.
- During a call, press to increase the listening volume. A double beep will sound when the highest setting is reached.
- Press to scroll up while in programming mode or reviewing the redial list.

SELECT/X-FER

- Press to store a programming option or a directory entry.
- During a call, press to transfer a call to another handset.

OFF

- During a call, press to hang up.
- While the handset is ringing, press to silence the ringer.
- Press and hold for two seconds when the telephone is not in use to erase the **MISSED CALLS** display.
- During programming, press to exit without making changes.

#

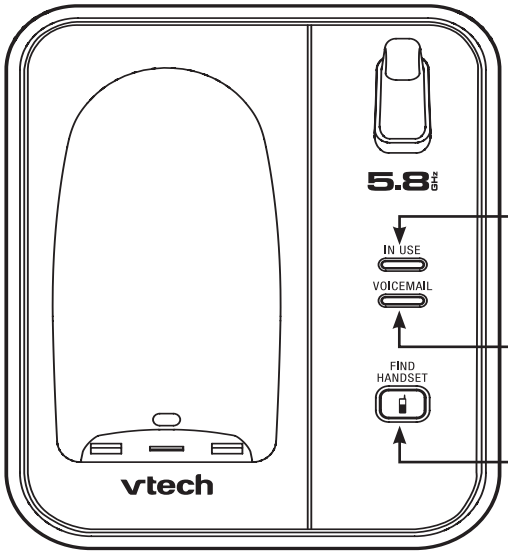
- Press repeatedly to display other dialing options when reviewing the call log (page 27).
- Press to use the **CLR VOICEMAIL** feature from the main menu.

REDIAL/PAUSE

- Press repeatedly to review the redial list .
- While dialing or entering numbers into the directory, press to insert a dialing pause.

Getting started

Telephone base layout



IN USE light

- Flashes when there is an incoming call.
- On when the handset is in use.

VOICEMAIL light

- Flashes when you have new voicemail from your telephone service provider.

FIND HANDSET

- Press to page all handsets.

Telephone settings

Date and time

If you subscribe to caller ID service, the date and time will be set automatically with the next incoming call. If you do not have caller ID service, you can set the date and time manually and individually for each system handset.

1. Press **PROG** when the handset is in idle mode.
2. Press ▼ or ▲ until **DATE/TIME** is displayed. Press **SELECT.**
3. When the month is flashing, press ▼ or ▲ until the screen displays the correct month and then press **SELECT**.
4. When the date is flashing, press ▼ or ▲ until the screen displays the correct date and then press **SELECT**.
5. When the hour is flashing, press ▼ or ▲ until the screen displays the correct hour and then press **SELECT**.
6. When the minute is flashing, press ▼ or ▲ until the screen displays the correct minute and then press **SELECT**.
7. When **AM** or **PM** is flashing, press ▼ or ▲ to choose between **AM** or **PM** and then press **SELECT**. You will hear a confirmation tone.

note

- In the event of a power failure, the time may need to be reset.

Telephone settings

Ringer

You can select from different ringers.

1. Press **PROG** when the handset is not in use.
2. Press ▼ or ▲ until the screen displays **RINGER**: and the current setting.
3. Press **SELECT**. The current setting flashes, and you will hear a sample of the ringer.
4. Press ▼ or ▲ to select **RINGER: 1**, **2**, **3**, or **4**. You will hear a sample of each ring tone.
5. Press **SELECT** to confirm your selection. You will hear a confirmation tone.

Ringer volume

You can change the ringer volume to a comfortable level or turn the ringer off.

1. Press **PROG** when the handset is not in use. Press ▼ or ▲ until the screen displays **RINGER VOL**: and the current setting.
2. Press **SELECT**. The current setting flashes, and you will hear a sample of the ringer volume.
3. Press ▲ or ▼ to select ringer volume from **OFF, LOW** or **HI**. You will hear a sample of the selected volume level.
4. Press **SELECT** to confirm your selection. You will hear a confirmation tone.

-OR-

1. Press and hold ▲ or ▼ until the screen displays **RINGER VOL:** and the current setting when the handset is not in use. The current setting flashes and you will hear a sample of the ringer volume.
2. Press ▲ or ▼ to select ringer volume from **OFF, LOW** or **HI**. You will hear a sample of the selected volume level.
3. Press **SELECT** to confirm your selection. You will hear a confirmation tone.

note

- If the ringer volume is set to **OFF**, **RINGER OFF** and 🔕 will be displayed.
- Even if the ringer volume is set to **OFF**, the handsets will still ring when you press **FIND HANDSET**.

Telephone settings

Dial mode

If you have touch tone service, the telephone is ready for use as soon as the battery is charged. If you have pulse (rotary) service, you will need to change the dial mode.

1. Press **PROG** when the handset is not in use.
2. Press ▼ or ▲ until the screen displays **DIAL MODE:** and the current setting.
3. Press **SELECT.** The current setting flashes.
4. Press ▼ or ▲ to select **TONE** or **PULSE.**
5. Press **SELECT** to confirm your selection. You will hear a confirmation tone.

Home area code

If you dial your local calls using only seven digits (area code not required), you can program your home area code, following the steps below. By programming your home area code, when you receive a call within your local area, the telephone number will automatically be stored without the area code in the call log.

1. Press **PROG** when the handset is not in use.
2. Press ▼ or ▲ until the screen displays **HOME AREA CODE**.
3. Press **SELECT.** The stored area code is displayed with the first digit flashing.
4. Use the dial key pad to enter the desired home area code.
5. Press **SELECT** to confirm. You will hear a confirmation tone.

note

- If, in the future, your telephone service provider requires you to dial the area code when making a local call, or you want to cancel the home area code you have already programmed, reprogram your home area code to **000**.
- Press **CHAN/REMOVE** when in the home area code menu to delete the stored home area code. ___ will be displayed.

Telephone settings

Language

1. Press **PROG** when the handset is not in use.
2. Press ▼ or ▲ until **LANGUAGE** is displayed.
3. Press **SELECT**. The current setting flashes.
4. Press ▼ or ▲ until the screen displays the desired language (**ENGLISH**, **ESPANOL** or **FRANCAIS**).
5. Press **SELECT** to confirm your selection. You will hear a confirmation tone.

Clear voicemail

If you subscribe to voicemail services provided by your telephone service provider, **NEW VOICEMAIL** and ✉ will be displayed on the handset and the **VOICEMAIL** light on the telephone base will flash when you have a new voicemail message.

To turn this indicator off:

1. Press **PROG** when the handset is not in use.
2. Press ▼ or ▲ until the screen displays **CLR VOICEMAIL**.
3. Press **SELECT**. The screen displays **CLEAR?** and the current setting flashes.
4. Press ▼ or ▲ to select **YES**.
5. Press **SELECT** to confirm your selection. You will hear a confirmation tone.

note

- The clear voicemail feature only turns off the display **NEW VOICEMAIL** and ✉ on the handset and the **VOICEMAIL** light on the telephone base. It does not delete your voicemail message(s).

Telephone operation

note

- The call timer will be activated during a call to show call duration.
- The handset will beep if it is moved out of range while on a call.

Make calls

- Press TALK/**FLASH** and then use the dial pad keys to dial a number.

-OR-

1. Enter the phone number first. You can press ▼ to backspace and press **CHAN**/**REMOVE** to erase digits.
2. Press TALK/**FLASH** to dial.

Answer calls

- Press any dial pad keys (except **▼/VOL-/CID, ▲/VOL+/**📖 and **OFF**) to answer an incoming call.

End calls

- Press **OFF** or put the handset back to the telephone base or charger to end a call.

Volume

- Press **▼/VOL-/CID** or **▲/VOL+/**📖 to adjust the listening volume during a conversation.

Channel

- Press **CHAN**/**REMOVE** to switch to a clearer channel while on a call.

Telephone operation

Call waiting

If you subscribe to call waiting service and you are on a call when a new call comes in, you will hear a beep. The caller ID information will be displayed if you subscribe to combined caller ID with call waiting service from your telephone service provider.

- Press TALK/**FLASH** on the handset to put the current call on hold and answer the incoming call.
- Press TALK/**FLASH** at anytime to alternate between calls.

Temporary tone dialing

If you have pulse (rotary) service, you can change from pulse to touch tone dialing during a call by pressing **TONE*** . This is useful if you need to send touch tone signals to access telephone banking or long distance services.

Once you have initiated your call by dialing the phone number in pulse (rotary), press **TONE*** . Now, all subsequent key presses will be sent as touch tone signals.

After you hang up, the phone will return to pulse (rotary) dialing for the next call.

Telephone operation

Redial

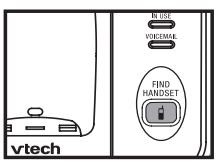
- The telephone stores the five most recently dialed telephone numbers on the redial list. When the list is full, the oldest entry is deleted to make room for the new entry.
- Press **REDIAL/PAUSE**, then press ▼, ▲ or **REDIAL/PAUSE** repeatedly to review the redial list. Press **CHAN/REMOVE** to delete the displayed number.
- Press TALK/**FLASH**, then press **REDIAL/PAUSE** to dial the last telephone number dialed.
  -OR-
  Press **REDIAL/PAUSE**, then press ▼, ▲ or **REDIAL/PAUSE** repeatedly until the desired entry displays, then press TALK/**FLASH** to dial the number.

Find handset

- Press **FIND HANDSET** on the telephone base to locate the handsets when the telephone is not in use and there is no handset in the telephone base. All handsets will ring and ****PAGING**** will be displayed on all handset screens.
- Press **FIND HANDSET** again or put the handset back in the telephone base to stop the paging tone of all handsets.

  -OR-

  Press **OFF** on the selected handset or put it back in the charger to stop the paging tone of that particular handset.



Telephone operation

Transfer an external call

An external call can be forwarded to another handset during a conversation.

1. While on a call, press **SELECT/X-FER** on the originating handset and its screen will show **CALL TRANSFERED**.
2. When the other handset rings, press TALK/**FLASH** on that handset to answer and its screen will show **TRANSFERED CALL**.
3. After the other handset has answered the transferred call, the originating handset screen will display **SYSTEM HS BUSY**.

- Press TALK/**FLASH** on the originating handset to cancel the call forwarding before the other handset answers the call.
- If the forwarded call is not answered within 30 seconds, the call will be forwarded back to the originating handset. Press TALK/**FLASH** on the originating handset to answer the call. The call will be disconnected if the originating handset does not answer within 30 seconds.

Telephone operation

Directory

The directory can store up to 20 entries (including nine speed dial entries). Each entry may consist of a number up to 24 digits and a name up to 14 characters.

note

- Each handset has an independent directory.

Store a directory entry

1. Press **PROG** when the handset is not in use. The screen displays **DIRECTORY**.
2. Press **SELECT**. The screen displays **ENTER NAME**.
3. Use the dial pad keys to enter the name. See the **Character chart** on page 17.
   - Press ▼ to move the cursor to the left or ▲ to the right.
   - Press **CHAN/REMOVE** to erase a character.
4. When finished, press **SELECT** or **PROG**. The screen displays **ENTER NUMBER**.
5. Use the dial pad keys to enter the telephone number.
   - Press ▼ to move the cursor to the left or ▲ to the right.
   - Press **CHAN/REMOVE** to erase a digit.
   - Press **REDIAL/PAUSE** to insert a dialing pause (**P** will be displayed).
6. Press **SELECT** or **PROG** to confirm and you will hear a confirmation tone.

Telephone operation

Character chart

Use the dial pad keys and the chart below to enter a name (up to 14 characters). An error tone will sound if you try to enter more than 14 characters. Each press of a particular key causes the characters to be displayed in the following order:

Dial key	Characters by number of key presses					
	1	2	3	4	5	6
1	1					
2	A	B	C	2		
3	D	E	F	3		
4	G	H	I	4		
5	J	K	L	5		
6	M	N	O	6		
7	P	Q	R	S	7	
8	T	U	V	8		
9	W	X	Y	Z	9	
0	0					
*	*					
#	&	’	,	-	.	#

Review the directory

1. Press ▲/**VOL+**/📖 when the handset is not in use. The screen displays **DIRECTORY**.
2. Press ▼ or ▲ to scroll through the entries stored in the directory alphabetically.
   - OR -
   Press the dial pad key for the first letter of the name you want to search. If necessary, scroll ▼ or ▲ to find the desired entry.

note

- When you reach the end of the list in the directory, **END OF LIST** will be shown on the screen and there will be an error tone.
- If you press a dial pad key for alphabetical search while in the directory and there are no entries starting with the letters of that key, **NO DATA** will be displayed on the screen.

Telephone operation

Edit a directory entry

1. Press ▲**/VOL+/**📖 when the handset is not in use. The screen displays **DIRECTORY**.
2. Press ▼ or ▲ to scroll through the entries stored in the directory alphabetically.

   - OR -

   Press the dial pad key for the first letter of the entry you want to edit. If necessary, scroll ▼ or ▲ to find the desired entry.

3. When the screen displays the desired entry, press **SELECT**. Then press ▼ or ▲ until **EDIT** flashes.
4. Press **SELECT**. The screen displays the name and number. The cursor appears at the beginning of the name.
   - Use the dial pad keys to edit the name.
   - Press ▼ to move the cursor to the left or ▲ to the right.
   - Press **CHAN/REMOVE** to erase a character.
5. Press **SELECT** to move on to the phone number.
   - Use the dial pad keys to edit the number.
   - Press ▼ to move the cursor to the left or ▲ to the right.
   - Press **CHAN/REMOVE** to erase a digit.
   - Press **REDIAL/PAUSE** to insert a dialing pause (**P** will be displayed).
8. Press **SELECT** to confirm and you will hear a confirmation tone.

Telephone operation

Delete a directory entry

1. Press ▲**/VOL+/**📖 when the handset is not in use. The screen displays **DIRECTORY**.
2. Press ▼ or ▲ to scroll through the entries stored in the directory alphabetically.
   - OR -
   Press the dial pad key for the first letter of the entry you want to delete. If necessary, scroll ▼ or ▲ to find the desired entry.
3. When the screen displays the desired entry, press **SELECT**. Then press ▼ or ▲ until **DEL** (delete) flashes.
4. Press **SELECT**. The screen displays **ERASE NO YES** and the number. The current choice flashes.
5. Press ▲ until **YES** flashes.
6. Press **SELECT**. You will hear a confirmation beep.

Telephone operation

Copy a directory entry into speed dial

1. Press ▲/**VOL+**/📖 when the handset is not in use. The screen displays **DIRECTORY**.
2. Press ▼ or ▲ to scroll through the entries stored in the directory alphabetically.
   - OR -
   Press the dial pad key for the first letter of the entry you want to copy. If necessary, scroll ▼ or ▲ to find the desired entry.
3. When the screen displays the desired entry, press **SELECT**. Then press ▼ or ▲ until **SPEED** flashes.
4. Press **SELECT**. The screen displays **ENTER 1-9**.
5. Press a key (**1**-**9**) to copy this entry from the directory to the speed dial memory and assign the memory location. You will hear a confirmation beep. A memory location number (**01** through **09**) will be displayed with this entry.

Dial a number from the directory

1. Press ▲/**VOL+**/📖 when the handset is not in use. The screen displays **DIRECTORY**.
2. Press ▼ or ▲ to scroll through the entries stored in the directory alphabetically.
   - OR -
   Press the dial pad key for the first letter of the desired entry. If necessary, scroll ▼ or ▲ to find the desired entry.
3. When the screen displays the desired entry, press TALK/**FLASH**.

Telephone operation

Speed dial

Your telephone can store up to nine telephone numbers with names (up to 14 characters and 24 digits in each location) in the speed dial memory locations you assign in the handset.

Store a speed dial entry

1. Press **PROG** when the handset is not in use and then press ▼ or ▲ until the screen displays **SPEED DIAL**.
2. Press **SELECT**. The screen displays **ENTER 1-9**.
3. Press a key (**1** through **9**) to assign the speed dial location where this number will be stored. The screen displays **ENTER NAME**.
4. Use the dial pad keys to enter the name (see the **Character chart** on page 17) and then press **SELECT** or **PROG** .
   - Press ▼ to move the cursor to the left or ▲ to the right.
   - Press **CHAN/REMOVE** to erase a character.
5. The screen displays **ENTER NUMBER**.
6. Use the dial pad keys to enter the telephone number, and then press **SELECT** or **PROG.**
   - Press ▼ to move the cursor to the left or ▲ to the right.
   - Press **CHAN/REMOVE** to erase a digit.
   - Press **REDIAL/PAUSE** to insert a dialing pause (**P** will be displayed).
7. Press **SELECT** or **PROG** to confirm. You will hear a confirmation tone.

note

- The entries stored in the speed dial memory will be numbered 01 through 09 and share the memory in the directory.
- Press **OFF** at any time to exit speed dial mode.
- If the location is not empty, the new entry will replace the old entry and the old entry will be moved to a directory location.

Edit a speed dial entry

1. Press and hold the speed dial location key (**1**-**9**) of the desired entry when the handset is not in use.
2. When the screen displays the entry you want to edit, press **SELECT**. Then press ▼ or ▲ until **EDIT** flashes.
3. Press **SELECT**. The screen displays the name and number. The cursor appears at the beginning of the name. Use the dial pad keys to edit the name.
   - Press ▼ to move the cursor to the left or ▲ to the right.
   - Press **CHAN/REMOVE** to erase a character.

4. Press **SELECT** to move on to the phone number. Use the dial pad keys to edit the number.
   - Press ▼ to move the cursor to the left or ▲ to the right.
   - Press **CHAN/REMOVE** to erase a digit.
   - Press **REDIAL/PAUSE** to insert a dialing pause (**P** will be displayed).
5. Press **SELECT** to confirm. You will hear a confirmation tone.

Telephone operation

Delete a speed dial entry

1. Press and hold the speed dial location key (**1**-**9**) of the desired entry when the handset is not in use.
2. When the screen displays the desired entry, press **SELECT**. Then press ▼ or ▲ until **DEL** (delete) flashes.
3. Press **SELECT**. The screen displays **ERASE NO YES** and the number. The current choice flashes.
4. Press ▲ until **YES** flashes.
5. Press **SELECT**. You will hear a confirmation beep.

Dial a speed dial number

1. Press and hold a speed dial location key (**1**-**9**) of the desired entry when the handset is not in use.
2. Press TALK/**FLASH** to dial the displayed number.

Reassign speed dial locations

1. Press and hold the speed dial location key (**1**-**9**) of the desired entry when the handset is not in use.
2. When the screen displays the desired entry, press **SELECT**. Press ▼ or ▲ until **SPEED** flashes.
3. Press **SELECT**. The screen displays **ENTER 1-9.**
4. Press a key (**1**-**9**) to reassign this entry into another memory location. You will hear a confirmation beep.

Telephone operation

About caller ID

The caller ID with call waiting feature in this telephone lets you see the name and telephone number of the caller before answering the call, even when already on a call. These features require services provided by your telephone service provider.

Contact your telephone service provider if:

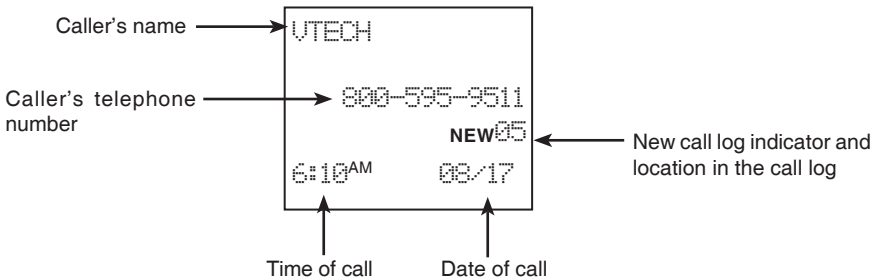
- you have both caller ID and call waiting, but as separate services (you may need combined service),
- you have only caller ID service, or only call waiting service, or
- you do not subscribe to any caller ID or call waiting services but wish to try these services.

You can use this telephone with regular caller ID service, and you can use its other features without subscribing to either caller ID or combined caller ID with call waiting service. There may be fees for these services, and these services may not be available in all areas.

The caller ID features will work only if both you and the caller are in areas offering caller ID service, and if both telephone companies use compatible equipment.

Telephone operation

Call log



If you subscribe to caller ID service, information about each caller will be displayed after the first or second ring.

- The call log can store up to 45 entries.
- When the call log is full, the earliest entry will be deleted to make room for new incoming call information.
- **CID EMPTY** will be displayed if there is no record in the call log.
- Each handset has its own independent call log. If you delete one or all call log entries from one handset, it will not affect the call log of other handset(s).

note

- If you answer a call before the information appears on the screen, it will not be stored in the call log.
- The time on all handsets is automatically set and updated with incoming caller ID information if you subscribe to this service.
- Due to regional service differences, the caller ID information may not be available for every incoming call. In addition, the callers may intentionally block their names and/or telephone numbers.

Telephone operation

Review the call log

1. Press ▼**/VOL-/CID** to view the call log.
2. Press ▼ or ▲ to scroll through the entries.

There will be an error tone when you reach the end of the call log list and the screen will display **END OF LIST**.

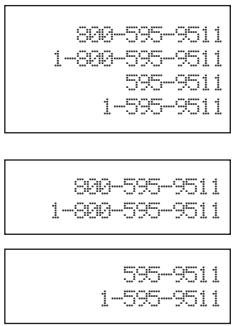
Make call log entries ready to dial

Although the call log entries received have 10 digits (the area code plus the seven-digit number), in some areas, you may need to dial only the seven digits, or a 1 plus the seven digits, or a 1 plus the area code plus the seven digits. You can change the number of digits that you dial from or store in the call log.

While reviewing the call log, press **#** repeatedly to display different dialing options for local and long distance numbers before dialing or saving the telephone number in the directory. See the example on the right.

You may also press **1** repeatedly to add or remove a **1** in front of the telephone number before dialing or saving it in the directory. See the examples on the right.

When the number displayed is in the correct format for dialing, press TALK**/FLASH** to call the number.



note

- If you have programmed a home area code (page 10), only the last seven digits of the incoming phone numbers from that area code will be displayed while reviewing the call log. Press **#** repeatedly to display all possible dialing options.

Telephone operation

Dial a call log number

1. Press ▼**/VOL-/CID** to enter the call log when the telephone is not in use.
2. Press ▼ or ▲ to select the desired entry, then press TALK/**FLASH**.

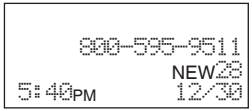
-OR-

1. Press ▼**/VOL-/CID** to enter the call log when the telephone is not in use.
2. Press ▼ or ▲ to select the desired entry.
3. Press **SELECT**, then **DIAL** flashes.
4. Press TALK/**FLASH** or **SELECT**.

Telephone operation

Save a call log entry to the directory

1. Press **▼/VOL-/CID** to enter the call log when the telephone is not in use.
2. Press ▼ or ▲ to select the desired entry. If you wish to change how the number is saved, press **#** repeatedly until the desired option displays. See the **Make call log entries ready to dial** section on page 27.



3. Press **SELECT**, then press ▼ or ▲ until **PROGRAM** flashes.
4. Press **SELECT** again.

5. Enter or edit the name if necessary. See the **Character chart** on page 17.
   - Press ▼ to move the cursor to the left or ▲ to the right.
   - Press **CHAN/REMOVE** to erase a character.

   Press **SELECT** to move on to the phone number.
6. Edit the number if necessary.
   - Press ▼ to move the cursor to the left or ▲ to the right.
   - Press **CHAN/REMOVE** to erase a digit.
   - Press **REDIAL/PAUSE** to insert a dialing pause (**P** will be displayed).

   Press **SELECT** to continue.
7. Press **SELECT** to confirm. You will hear a confirmation tone.

Delete from the call log

Delete an entry:

1. Press ▼**/VOL-/CID** to enter the call log when the telephone is not in use.
2. Press ▼ or ▲ to select the entry to be deleted.
3. Press **CHAN/REMOVE**. You will hear a confirmation beep.

Delete all entries:

1. Press and hold **CHAN/REMOVE** when the telephone is not in use. The screen displays **ERASE ALL? N Y**. The current choice flashes.
2. Press ▲ until **Y** (yes) flashes.
3. Press **SELECT**. You will hear a confirmation beep.

Telephone operation

Call log display screen messages

Displays:	When:
PRIVATE NAME	The caller is blocking the name information.
PRIVATE NUMBER	The caller is blocking the telephone number information.
PRIVATE CALLER	The caller is blocking the name and number information.
UNKNOWN NAME	This caller's name is unavailable.
UNKNOWN NUMBER	This caller's number is unavailable.
UNKNOWN CALLER	No information is available about this caller.

Handset display screen messages

Displays:	When:
LOW BATTERY	The battery needs to be recharged.
CID EMPTY	There are no call log entries.
CONNECTING...	The cordless handset is searching for the telephone base.
DIRECTORY EMPTY	There are no directory entries.
MEMORY FULL	The directory is full.
XX MISSED CALLS	There are unreviewed calls in the call log.
NEW VOICEMAIL	There are new voicemail message(s) from your telephone service provider.
PAGING	The cordless handset locator has been activated.
PHONE	The handset is in use.
POWER FAILURE OR OUT OF RANGE	The handset cannot communicate with the telephone base. Check the telephone base power connection or move closer.
RINGING	There is an incoming call.
RINGER OFF	The handset ringer is turned off.
SCANNING...	The telephone base is searching for another available channel.
SYSTEM HS BUSY	Another system handset is in use.

Battery

After the battery is fully charged for 16 hours, you can expect the following performance:

Operation	Operating time
While in use (talking)	Five hours
While not in use (standby*)	Six days

*Handset is off the telephone base but not in use.

The battery needs charging when:

- A new battery is installed in the handset.
- The handset beeps.
- **LOW BATTERY** is displayed and the battery indicator on the handset screen is flashing.

CAUTION:

To reduce the risk of fire or injury to persons, read and follow these instructions:

- Use only the battery(ies) provided or equivalent. To order a replacement, visit our website at www.vtechphones.com or call 1 (800) 595-9511. In Canada, go to www.vtechcanada.com or call 1 (800) 267-7377.
- Do not dispose of the battery(ies) in a fire. Check with local waste management codes for special disposal instructions.
- Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
- Exercise care in handling batteries in order not to create a short circuit with conductive materials such as rings, bracelets, and keys. The battery and/or conductor may overheat and cause burns.
- Charge the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO WATER OR ANY TYPE OF MOISTURE.

Important safety instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water (for example, near a bathtub, kitchen sink, or swimming pool).
5. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
6. Slots and openings in the back or bottom of the telephone base and handset are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product should never be placed near or over a radiator or heat register. This product should not be placed in any area where proper ventilation is not provided.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home or office, consult your dealer or local power company.
8. Do not allow anything to rest on the power cord. Do not install this product where the cord may be walked on.
9. Never push objects of any kind into this product through the slots in the telephone base or handset because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
10. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing parts of the telephone base or handset other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
11. Do not overload wall outlets and extension cords.
12. Unplug this product from the wall outlet and refer servicing to an authorized service facility under the following conditions:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled onto the product.
    C. If the product has been exposed to rain or water.
    D. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operation instructions. Improper adjustment of other controls may result in damage and often requires extensive work by an authorized technician to restore the product to normal operation.
    E. If the product has been dropped and the telephone base and/or handset has been damaged.
    F. If the product exhibits a distinct change in performance.
13. Avoid using a telephone (other than cordless) during an electrical storm. There is a remote risk of electric shock from lightning.
14. Do not use the telephone to report a gas leak in the vicinity of the leak.
15. Only put the handset of your telephone next to your ear when it is in normal talk mode.
16. The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling or an under-the-table/cabinet outlet.

SAVE THESE INSTRUCTIONS

Troubleshooting

If you have difficulty with your telephone, please try the suggestions below. For Customer Service, visit our website at www.vtechphones.com, or call 1 (800) 595-9511; in Canada, call 1 (800) 267-7377.

Problem	Suggestion
My telephone does not work at all.	• Make sure the battery is installed and charged correctly (page 3). For optimum daily performance, return the handset to the telephone base or charger after use. • Make sure the power adapter is securely plugged into an outlet not controlled by a wall switch. • Make sure the telephone line cord is plugged firmly into the telephone base and the wall jack. • Unplug the unit's electrical power. Wait for approximately 15 seconds, then plug it back in. Allow up to one minute for the handset and telephone base to synchronize. • Charge the battery in the handset for at least 16 hours. • Remove and re-insert the battery. If that still does not work, it may be necessary to purchase a new battery. • Disconnect the telephone base from the jack and plug in a working telephone. If this telephone does not work, the problem is probably in the wiring or the local service. Call your telephone service provider.
LOW BATTERY is displayed on screen.	• Place the handset in the telephone base or charger for recharging. • Remove and re-install the battery and use it normally until fully depleted, then recharge the handset in the telephone base or charger for 16 hours. • If the above measures do not correct the problem, the battery may need to be replaced.

Troubleshooting

Problem	Suggestion
The battery does not charge in the handset or the handset battery does not accept charge.	• Make sure the handset is placed in the telephone base or charger correctly. The handset **CHARGE** light on the handset should be on. • Remove the battery from the handset and then re-install it in the handset. Put the handset back in the telephone base or charger and charge for 16 hours. • If the handset is in the telephone base or charger but the handset **CHARGE** light is not on, see **The CHARGE light is off** in this section. • It may be necessary to purchase a new battery. Please see the **Battery** section of this user's manual (page 33). • The telephone might be malfunctioning. Please see the **Warranty** section of this user's manual (page 45) for further instruction.
The **CHARGE** light is off.	• Clean the charging contacts on the handset(s) and telephone base each month using a pencil eraser or a dry non-abrasive fabric. • Make sure the power adapter and telephone line cord are plugged in correctly and securely. • Unplug the power adapter. Wait for 15 seconds before plugging it back in. Allow up to one minute for the handset and telephone base to reset. • The telephone might be malfunctioning. Please see the **Warranty** section of this user's manual (page 45) for further instruction.

Troubleshooting

Problem	Suggestion
There is no dial tone.	• First, try all the above suggestions. • Move the handset closer to the telephone base. It might be out of range. • The telephone line cord might be malfunctioning. Try installing a new telephone line cord. • Disconnect the telephone base from the telephone jack and connect a different telephone. If there is no dial tone on the other telephone either, the problem is in your wiring or local service. Contact your telephone service provider.
My handset displays **CONNECTING...**	• Move the handset closer to the telephone base. You might have moved out of range.
I cannot dial out.	• First, try all the above suggestions. • Make sure there is a dial tone before dialing. It is normal if the handset takes a second or two to synchronize with the telephone base before producing a dial tone. Wait an extra second before dialing. • Make sure the telephone is set to the correct dial type (pulse dial or tone dial) for the service in your area. See **Dial mode** on page 10 to set the dial type. • If the other telephones in your home are having the same problem, the problem is in the wiring or local service. Contact your telephone service provider (charges may apply). • Eliminate any background noise. Noise from a television, radio, or other appliances may cause the telephone not to dial out properly. If you cannot eliminate the background noise, first try muting the handset before dialing, or dialing from another room in your home with less background noise.

Troubleshooting

Problem	Suggestion
The telephone does not ring when there is an incoming call.	• Make sure the ringer is on (page 9). • Make sure the telephone line cord and power adapter are plugged in properly (page 2). • The handset may be too far from the telephone base. Move it closer to the telephone base. • There may be too many extension telephones on the telephone line to allow all of them to ring simultaneously. Try unplugging some of them. • If the other telephones in your home are having the same problem, the problem is in the wiring or local service. Contact your telephone service provider (charges may apply). • Other electronic products can cause interference to your cordless telephone. Try installing your telephone as far away as possible from the following electronic devices: wireless routers, radios, radio towers, pager towers, cellular telephones, digital telephones, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, and other cordless telephones. • Test a working telephone at the telephone jack. If another telephone has the same problem, the problem is in the telephone jack. Contact your telephone service provider (charges may apply). • The telephone line cord might be malfunctioning. Try installing a new telephone line cord. • Remove and re-insert the battery and place the handset in the telephone base. • Wait for the handset to synchronize with the telephone base. Allow up to one minute for this to take place.

Troubleshooting

Problem	Suggestion
There is noise or interference during a telephone conversation. My calls cut in and out when I am using the cordless handset.	• The handset may be out of range. Move it closer to the telephone base. • Appliances or other cordless telephones plugged into the same circuit as the telephone base can cause interference. Try moving the appliance or telephone base to another outlet. • Other electronic products can cause interference to your cordless telephone. Try installing your telephone as far away as possible from the following electronic devices: wireless routers, radios, radio towers, pager towers, cellular telephones, digital telephones, intercoms, room monitors, televisions, VCRs, personal computers, kitchen appliances, and other cordless telephones. • If your telephone is plugged in with a modem or a surge protector, plug the telephone (or modem/surge protector) into a different location. If this doesn't solve the problem, re-locate your telephone or modem farther apart from each other, or use a different surge protector. • The layout of your home or office might be limiting the operating range. For better reception, try moving the telephone base to a central location within the home that has fewer obstructions between the telephone base and the handset. • Disconnect the telephone base from the telephone jack and plug in a corded telephone. If calls are still not clear, the problem is probably in the wiring or local service. Contact your telephone service provider (charges may apply). • If the other telephones in your home are having the same problem, the problem is in the wiring or local service. Contact your telephone service provider (charges may apply). • If you subscribe to high-speed Internet service (Digital Subscriber Line - DSL) through your telephone lines, you must install a DSL filter between the telephone base and the telephone wall jack. The filter will prevent noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

Troubleshooting

Problem	Suggestion
I hear other calls when using the telephone.	• Disconnect the telephone base from the telephone jack. Plug in a different telephone. If there are still other calls, the problem is probably in the wiring or local service. Call your telephone service provider. • Press **CHAN/REMOVE** to switch to a clearer channel when on a call.
I hear noise in the handset, and none of the keys or buttons work.	• Make sure the telephone line cord is plugged in securely. • Remove and re-insert the battery.
My caller ID features are not working properly.	• Caller ID is a subscription service. You must subscribe to this service from your telephone service provider for this feature to work on your telephone. • The caller may not be calling from an area which supports caller ID. • Both you and the caller's telephone companies must use equipment which are compatible with caller ID service. • If you subscribe to high-speed Internet service (Digital Subscriber Line - DSL) through your telephone lines, you must install a DSL filter between the telephone base and the telephone wall jack. The filter will prevent noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.

Troubleshooting

Problem	Suggestion
The system does not receive caller ID, or the system does not display caller ID during call waiting.	• Make sure you subscribe to caller ID with call waiting features provided by your telephone service provider. • The caller may not be calling from an area which supports caller ID. • Both you and the caller's telephone companies must use equipment which are compatible with caller ID service. • If you subscribe to high-speed Internet service (Digital Subscriber Line - DSL) through your telephone lines, you must install a DSL filter between the telephone base and the telephone wall jack. The filter will prevent noise and caller ID problems caused by DSL interference. Please contact your DSL service provider for more information about DSL filters.
Caller ID entries do not match the numbers I need to dial.	• Although the call log entries you receive have 10 digits, (the area code plus the seven-digit number,) in some areas, you may need to dial only seven digits, or a 1 plus the seven digits, or a 1 plus the area code plus the seven digits. You can change the number of digits that you dial or store from the call log. • While reviewing the call log, press **#** repeatedly to display these dialing options for local and long distance numbers before dialing or saving the telephone number.

Troubleshooting

Problem	Suggestion
My cordless handset beeps and is not performing normally.	• Make sure the power cord is securely plugged into the telephone base. Plug the unit into a different working electrical outlet not controlled by a wall switch. • Move the handset closer to the telephone base. It may be out of range. • Reset the telephone base by unplugging the unit's electrical power. Wait for 15 seconds and plug it back in again. Allow up to one minute for the handset and the telephone base to synchronize. • Other electronic products can cause interference to your cordless telephone. Try installing your telephone as far away from these electronic devices as possible: wireless routers, radios, radio towers, pager towers, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless telephones.
POWER FAILURE OR OUT OF RANGE shows on the handset screen.	• The handset may be out of range. Move it closer to the telephone base. • Make sure the power cord is securely plugged into the telephone base. Use a working electrical outlet not controlled by a wall switch. • Reset your telephone by unplugging the power adapter from the telephone base. Disconnect the battery from the cordless handset. Wait for 15 seconds, then plug in the power adapter and reinstall the battery. Place the handset in the telephone base and allow up to one minute for the handset and telephone base to synchronize. • Other electronic products may prevent your handset and telephone base from communicating with each other. Install your telephone base as far away from these electronic devices as possible: wireless routers, radios, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and other cordless telephones.

Troubleshooting

Problem	Suggestion
The ✉ icon and **NEW VOICEMAIL** appear on the handset and the **VOICEMAIL** light is flashing on the telephone base and I don't know why.	• Your telephone has voicemail indication. If the ✉ icon and **NEW VOICEMAIL** appear on the handset and the **VOICEMAIL** light is flashing on the telephone base, your telephone has received a signal from your telephone service provider that you have a voicemail message waiting for you to retrieve from them. Contact your telephone service provider for more information on how to access your voicemail.
I cannot retrieve voicemail messages.	• If you subscribe to voicemail service from your telephone service provider (charges may apply), contact your telephone service provider for more information on how to access your voicemail.
Common cure for electronic equipment	• If the unit is not responding normally, try putting the handset in the telephone base. If it does not seem to respond, try the following (in the order listed): • Disconnect the power to the telephone base. • Disconnect the battery on the handset. • Wait a few minutes before connecting the power to the telephone base. • Re-install the battery and place the handset in the telephone base or charger. • Wait for the handset to synchronize with the telephone base. Allow up to one minute for this to take place.

Operating range

This cordless telephone operates with the maximum power allowed by the Federal Communications Commission (FCC). Even so, this handset and telephone base can communicate over only a certain distance - which can vary with the locations of the telephone base and handset, the weather, and the layout of your home or office.

When the handset is out of range, the handset will display **POWER FAILURE OR OUT OF RANGE**.

If there is a call while the handset is out of range, it might not ring, or if it does ring, the call might not connect well when you press **TALK/FLASH**. Move closer to the telephone base, then press **TALK/FLASH** to answer the call.

If the handset moves out of range during a telephone conversation, there might be interference.

To improve reception, move closer to the telephone base.

Maintenance

Taking care of your telephone

Your cordless telephone contains sophisticated electronic parts, so it must be treated with care.

Avoid rough treatment

Place the handset down gently. Save the original packing materials to protect your telephone if you ever need to ship it.

Avoid water

Your telephone can be damaged if it gets wet. Do not use the handset outdoors in the rain, or handle it with wet hands. Do not install the telephone base near a sink, bathtub or shower.

Electrical storms

Electrical storms can sometimes cause power surges harmful to electronic equipment. For your own safety, take caution when using electrical appliances during storms.

Cleaning your telephone

Your telephone has a durable plastic casing that should retain its luster for many years. Clean it only with a soft cloth slightly dampened with water or a mild soap. Do not use excess water or cleaning solvents of any kind.

Remember that electrical appliances can cause serious injury if used when you are wet or standing in the water. If the telephone base should fall into the water, DO NOT RETRIEVE IT UNTIL YOU UNPLUG THE POWER CORD AND TELEPHONE LINE CORD FROM THE WALL. Then pull the unit out by the unplugged cords.

About cordless telephones

- **Privacy:** The same features that make a cordless telephone convenient create some limitations. Telephone calls are transmitted between the telephone base and the cordless handset by radio waves, so there is a possibility that the cordless telephone conversations could be intercepted by radio receiving equipment within range of the cordless handset. For this reason, you should not think of cordless telephone conversations as being as private as those on corded telephones.
- **Electrical Power:** The telephone base of this cordless telephone must be connected to a working electrical outlet. The electrical outlet should not be controlled by a wall switch. Calls cannot be made from the cordless handset if the telephone base is unplugged, switched off or if the electrical power is interrupted.
- **Potential TV interference:** Some cordless telephones operate at frequencies that may cause interference to televisions and VCRs. To minimize or prevent such interference, do not place the telephone base of the cordless telephone near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.
- **Rechargeable batteries:** This product contains either Nickel-cadmium or Nickel-metal hydride rechargeable batteries. Exercise care in handling batteries in order not to create a short circuit with conducting material such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm. Observe proper polarity between the battery and the battery charger.
- **Nickel-cadmium rechargeable batteries:** Dispose of these batteries in a safe manner. Do not burn or puncture the battery. Like other batteries of this type, if burned or punctured, they could release caustic material which could cause injury.

Warranty

What does this limited warranty cover?

The manufacturer of this VTech Product warrants to the holder of a valid proof of purchase (“Consumer” or “you”) that the Product and all accessories provided in the sales package (“Product”) are free from defects in material and workmanship, pursuant to the following terms and conditions, when installed and used normally and in accordance with the Product operating instructions. This limited warranty extends only to the Consumer for Products purchased and used in the United States of America and Canada.

What will VTech do if the Product is not free from defects in materials and workmanship during the limited warranty period (“Materially Defective Product”)?

During the limited warranty period, VTech’s authorized service representative will repair or replace at VTech’s option, without charge, a Materially Defective Product. If we repair the Product, we may use new or refurbished replacement parts. If we choose to replace the Product, we may replace it with a new or refurbished Product of the same or similar design. We will retain defective parts, modules, or equipment. Repair or replacement of the Product, at VTech’s option, is your exclusive remedy. VTech will return the repaired or replacement Products to you in working condition. You should expect the repair or replacement to take approximately 30 days.

How long is the limited warranty period?

The limited warranty period for the Product extends for ONE (1) YEAR from the date of purchase. If VTech repairs or replaces a Materially Defective Product under the terms of this limited warranty, this limited warranty also applies to the repaired or replacement Product for a period of either (a) 90 days from the date the repaired or replacement Product is shipped to you or (b) the time remaining on the original one-year warranty; whichever is longer.

What is not covered by this limited warranty?

This limited warranty does not cover:

1. Product that has been subjected to misuse, accident, shipping or other physical damage, improper installation, abnormal operation or handling, neglect, inundation, fire, water or other liquid intrusion; or

Warranty

2. Product that has been damaged due to repair, alteration or modification by anyone other than an authorized service representative of VTech; or
3. Product to the extent that the problem experienced is caused by signal conditions, network reliability, or cable or antenna systems; or
4. Product to the extent that the problem is caused by use with non-VTech accessories; or
5. Product whose warranty/quality stickers, product serial number plates or electronic serial numbers have been removed, altered or rendered illegible; or
6. Product purchased, used, serviced, or shipped for repair from outside the United States of America or Canada, or used for commercial or institutional purposes (including but not limited to Products used for rental purposes); or
7. Product returned without a valid proof of purchase (see item 2 below); or
8. Charges for installation or set up, adjustment of customer controls, and installation or repair of systems outside the unit.

How do you get warranty service?

To obtain warranty service in the United States of America, please call 1 (800) 595-9511. In Canada, please call 1 (800) 267-7377. NOTE: Before calling for service, please review the user's manual - a check of the Product's controls and features may save you a service call.

Except as provided by applicable law, you assume the risk of loss or damage during transit and transportation and are responsible for delivery or handling charges incurred in the transport of the Product(s) to the service location. VTech will return repaired or replaced Product under this limited warranty. Transportation, delivery or handling charges are prepaid. VTech assumes no risk for damage or loss of the Product in transit. If the Product failure is not covered by this limited warranty, or proof of purchase does not meet the terms of this limited warranty, VTech will notify you and will request that you authorize the cost of repair prior to any further repair activity. You must pay for the cost of repair and return shipping costs for the repair of Products that are not covered by this limited warranty.

What must you return with the Product to get warranty service?

1. Return the entire original package and contents including the Product to the VTech service location along with a description of the malfunction or difficulty; and
2. Include "valid proof of purchase" (sales receipt) identifying the Product purchased (Product model) and the date of purchase or receipt; and
3. Provide your name, complete and correct mailing address, and telephone number.

Other limitations

This warranty is the complete and exclusive agreement between you and VTech. It supersedes all other written or oral communications related to this Product. VTech provides no other warranties for this Product. The warranty exclusively describes all of VTech's responsibilities regarding the Product. There are no other express warranties. No one is authorized to make modifications to this limited warranty and you should not rely on any such modification.

State/Provincial Law Rights: This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

Limitations: Implied warranties, including those of fitness for a particular purpose and merchantability (an unwritten warranty that the Product is fit for ordinary use) are limited to one year from the date of purchase. Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. In no event shall VTech be liable for any indirect, special, incidental, consequential, or similar damages (including, but not limited to lost profits or revenue, inability to use the Product or other associated equipment, the cost of substitute equipment, and claims by third parties) resulting from the use of this Product. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Please retain your original sales receipt as proof of purchase.

FCC, ACTA and IC regulations

FCC Part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined **by turning the equipment off and on, the user is encouraged to try to correct the interference by one or** more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be ensured when using this telephone.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The handset may be safely held against the ear of the user. The telephone base shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more. If you choose to use a clipping device, please make sure to only use the supplied VTech belt clip.

This Class B digital apparatus complies with Canadian ICES-003.

FCC Part 68 and ACTA

This equipment complies with Part 68 of the FCC rules and with technical requirements adopted by the Administrative Council for Terminal Attachments (ACTA). The label on the back or bottom of this equipment contains, among other things, a product identifier in the format US:AAAEQ##TXXXX. This identifier must be provided to your local telephone company upon request.

The plug and jack used to connect this equipment to premises wiring and the telephone network must comply with applicable Part 68 rules and technical requirements adopted by ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. An RJ11 jack should normally be used for connecting to a single line and an RJ14 jack for two lines. See Installation Instructions in the user's manual.

The Ringer Equivalence Number (REN) is used to determine how many devices you may connect to your telephone line and still have them ring when you are called. The REN for this product is encoded as the 6th and 7th characters following the US: in the product identifier (e.g., if ## is 03, the REN is 0.3). In most, but not all areas, the sum of all RENs should be five (5.0) or less. For more information, please contact your local telephone company.

This equipment may not be used with Party Lines. If you have specially wired alarm dialing equipment connected to your telephone line, ensure the connection of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

FCC, ACTA and IC regulations

If this equipment is malfunctioning, it must be unplugged from the modular jack until the problem has been corrected. Repairs to this telephone equipment can only be made by the manufacturer or its authorized agents. For repair procedures, follow the instructions outlined under the Limited Warranty.

If this equipment is causing harm to the telephone network, the telephone company may temporarily discontinue your telephone service. The telephone company is required to notify you before interrupting service. If advance notice is not practical, you will be notified as soon as possible. You will be given the opportunity to correct the problem and the telephone company is required to inform you of your right to file a complaint with the FCC. Your telephone company may make changes in its facilities, equipment, operation, or procedures that could affect the proper functioning of this product. The telephone company is required to notify you if such changes are planned.

If this product is equipped with a corded or cordless handset, it is hearing aid compatible.

If this product has memory dialing locations, you may choose to store emergency telephone numbers (e.g., police, fire, medical) in these locations. If you do store or test emergency numbers, please:

Remain on the line and briefly explain the reason for the call before hanging up.

Perform such activities in off-peak hours, such as early morning or late evening.

Industry Canada

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

The term ''IC: '' before the certification/registration number only signifies that the Industry Canada technical specifications were met.

The Ringer Equivalence Number (REN) for this terminal equipment is 0.1. The REN is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five.

This product meets the applicable Industry Canada technical specifications.

The RBRC® seal

The RBRC® seal on the nickel-cadmium battery indicates that VTech Communications, Inc. is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful lives, when taken out of service within the United States and Canada.

The RBRC® program provides a convenient alternative to placing used nickel-cadmium batteries into the trash or municipal waste, which may be illegal in your area.

VTech's participation in RBRC® makes it easy for you to drop off the spent battery at local retailers participating in the RBRC® program or at authorized VTech product service centers. Please call **1-800-8-BATTERY™** for information on Ni-Cd battery recycling and disposal bans/restrictions in your area. VTech's involvement in this program is part of its commitment to protecting our environment and conserving natural resources.

RBRC® is a registered trademark of Rechargeable Battery Recycling Corporation.

Technical specifications

Frequency control	Crystal controlled PLL synthesizer
Transmit frequency	Handset: 5857.20-5865.90 MHz Telephone base: 912.75-917.10MHz
Channels	30
Nominal effective range	Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.
Size	Handset: 7.32in X 2.01in X 1.57in (186.0mm X 51.0mm X 40.0mm) Telephone base: 4.33in X 5.34in X 3.78in (110.0mm X 135.6mm X 96.0mm) Charger: 3.19in X 3.62in X 1.97in (81.0mm X 92.0mm X 50.0mm)
Weight	Handset: 5.14oz (145.6g) (including battery) Telephone base: 5.26oz (149g) Charger: 2.37oz (67.2g)
Power requirements	Handset: 3.6V 400mAh Ni-Cd battery Telephone base: 7.5V AC @ 200mA Charger: 7.5V AC @150mA
Memory	Handset directory: 20 memory locations (9 speed dial inclusive); up to 24 digits and 14 characters Handset call log: 45 memory locations; up to 11 digits and 15 characters

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